Index of Claims

Application No.	Applicant(s)	
09/893,083	UTSUMI, KIYOOMI	
Examiner	Art Unit	
Huyen Vo	2655	

√	Rejected	_	
11	Allowed	÷	

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected	
ı	Interference	

A	Appeal
0	Objected

Claim				<u> </u>				J										_	L	_					J L
1     √     101     102     102     103     103     103     104     102     103     104     103     104     103     104     103     104     103     104     104     105     105     105     106     106     106     105     106     106     107     8     √     106     107     88     9     √     108     109     100     111     111     112     112     112     112     112     112     112     112     112     112     112     112     112     112     113     113     113     113     113     113     113     113     113 <td< td=""><td>Cla</td><td>aim</td><td></td><td></td><td></td><td>-</td><td>Date</td><td>—. е</td><td></td><td></td><td></td><td>[</td><td>Cla</td><td>aim</td><td></td><td></td><td>_</td><td>D</td><td>ate</td><td></td><td></td><td></td><td>7</td><td>CI</td><td>aim</td></td<>	Cla	aim				-	Date	—. е				[	Cla	aim			_	D	ate				7	CI	aim
1     √     101     102     102     103     103     103     104     102     103     104     103     104     103     104     103     104     103     104     104     105     105     105     106     106     106     105     106     106     107     8     √     106     107     88     9     √     108     109     100     111     111     112     112     112     112     112     112     112     112     112     112     112     112     112     112     113     113     113     113     113     113     113     113     113 <td< td=""><td></td><td><u></u></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Ī</td><td>П</td><td></td><td></td><td></td><td></td><td>- I</td></td<>		<u></u>																	Ī	П					- I
102	Final	Origina	3/23/0		,								Final	Origina										Final	Origina
102		1	./	$\vdash$	$\vdash$	$\vdash$		$\vdash$	$\vdash$	$\vdash$				51	-	-		$\dashv$	$\dashv$	$\dashv$	+	+	$\dashv$	:	101
103   4   4   7   7   7   105   53   104   105   105   105   106   106   106   107	-			Н					$\vdash$			ı			-	寸			T	<b>-</b> †	十	╅	┪.		
4   √   5   √   105     5   √   55   105   106     7   √   56   106   107   107     8   √   58   108   109   100   100   60   111   111   110   111   110   111   111   62   1112   113   114   114   114   114   114   114   114   114   114   114   115   115   115   115   115   115   115   116   116   116   116   116   117   117   117   117   117   117   118   119   119   119   119   119   119   119   119   111   111   111   112   122   122   122   122   122   122   122   122 <td></td> <td></td> <td></td> <td></td> <td>T</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ı</td> <td></td> <td></td> <td></td> <td>ヿ</td> <td></td> <td></td> <td></td> <td>7</td> <td><math>\top</math></td> <td><math>\top</math></td> <td>7</td> <td></td> <td></td>					T							ı				ヿ				7	$\top$	$\top$	7		
5     √     106       6     √     106       7     √     55     106       8     √     58     107       8     √     58     108       9     √     58     109       10     60     110     110       11     61     111     111       12     62     1112     112       13     62     1112     113       14     64     111     114       15     65     115     166       17     66     117     118     68     1118       19     70     120     119     120     120     120     121     121     121     121     121     122     122     123     123     124     124     124     124     124     124     124     124     124     124     125     125     125     125     125     125     125     125     125							Г	Г			·	- 1				寸		T	T	一		$\top$	7		104
106		5										ı		55				ı		1	T	T	7		105
S		6																							
10			√									[													
10			✓																						108
111			✓		<u>L</u>	L	<u> </u>	<u> </u>	<u> </u>						Ш						_	$\perp$	_		109
12				_	L_	<u> </u>	$\Box$	_	_							_	_	_	_	_	4	$\perp$	_	<u></u>	
13				_				_	<u> </u>							_	_[	_		_	_ -	4	4	<u> </u>	
14     15     64     114     115     116     116     115     66     116     116     116     117     118     118     117     118     119     68     1119     118     118     118     119     120     120     120     120     120     121     121     122     122     122     122     122     122     122     123     124     125     126     126     76     126     77     127     127     77     127     127     78     128     128     128     128     128     128     128     128     128     129     130     130     130	ļ		_	_	<u> </u>	_		<u> </u>	<u> </u>	_					$\Box$	_	4	_	_	_	_	_	4		
15	ļ		lacksquare	_	L	_	_	<u> </u>	<u> </u>						Ш	$\dashv$	_	_	$\dashv$		4		4	<u> </u>	
16   17   66   116     17   68   111     18   69   119     20   70   120     21   71   121     22   72   122     23   73   123     24   74   124     25   75   125     26   76   126     27   77   127     28   78   128     29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   131     35   85   136     37   86   136     37   88   133     38   88   133     39   89   139     40   90   140     41   91   140     41   92   142     43   93   143 <td< td=""><td></td><td></td><td><math>\vdash</math></td><td>_</td><td>┡</td><td>_</td><td>┢</td><td>┡</td><td><u> </u></td><td>_</td><td></td><td></td><td></td><td></td><td>Н</td><td><math>\dashv</math></td><td>4</td><td>_</td><td>-</td><td>_</td><td></td><td>+</td><td>4</td><td><u> </u></td><td></td></td<>			$\vdash$	_	┡	_	┢	┡	<u> </u>	_					Н	$\dashv$	4	_	-	_		+	4	<u> </u>	
17   18   66   117     18   68   119     20   70   120     21   71   121     22   72   122     23   73   123     24   74   124     25   75   125     26   76   127     28   78   128     29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   136     36   86   136     37   88   133     38   88   133     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   99   144     44   94   99   1	<b></b>			_	_	_	⊢	<u> </u>	L						Н	-	$\dashv$	-	$\dashv$	_	+	+	4	-	115
18   19   68   118   119     20   70   120   120     21   71   121   121     22   72   122   123     24   74   124   124     25   75   125   126     26   76   126   127     28   78   128   129     30   80   130   130     31   81   131   131     32   82   132   132     33   83   133   133     34   84   134   134     35   85   135   136     36   86   136   136     37   88   133   133     38   89   139   139     40   90   140   141     41   91   144   144     42   92   143   143     44   94   144   144     45   96   145			H	-	-	┝	_	_	l-	_	_						$\dashv$		$\dashv$	+	+	+	4	<b>-</b>	
19   69   119     20   70   120     21   71   121     22   72   122     23   73   123     24   74   124     25   75   125     26   76   126     27   77   127     28   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   90   140     41   91   141     42   92   143     44   94   144     45   96   146     47   97   149     48   98   148     48   99   149     99 <td< td=""><td>-</td><td></td><td><math>\vdash</math></td><td>┢</td><td>⊢</td><td><math>\vdash</math></td><td>┢</td><td>⊢</td><td></td><td>_</td><td>_</td><td></td><td></td><td></td><td><math>\vdash</math></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td>+</td><td><math>\dashv</math></td><td>+</td><td>+</td><td>+</td><td><math>\dashv</math></td><td>-</td><td></td></td<>	-		$\vdash$	┢	⊢	$\vdash$	┢	⊢		_	_				$\vdash$	$\dashv$	$\dashv$	+	$\dashv$	+	+	+	$\dashv$	-	
20   70   120     21   71   121     22   72   122     23   74   124     25   75   125     26   76   127     27   77   127     28   78   128     29   79   129     30   80   130     31   81   131     32   82   132     83   33   133     34   84   134     35   86   136     37   88   138     38   88   138     39   90   140     41   91   141     42   92   142     43   93   144     44   94   144     45   96   145     48   98   144     48   99   1449			├	┝	⊢		├	├—	H	├	-				$\vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	+	+	$\dashv$	-	
21   71   121     22   72   122     23   73   123     24   75   125     26   75   126     27   77   127     28   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   86   136     36   86   136     37   88   137     38   89   139     40   90   140     41   91   141     42   92   142     43   94   144     45   96   145     46   96   146     47   98   148     49   99   149			$\vdash$		├	$\vdash$	$\vdash$	⊢	⊢	┢					$\vdash$	$\dashv$	$\dashv$	$\dashv$	-+	+	+	+	$\dashv$	-	
22   33   122     23   74   123     24   75   125     26   76   126     27   77   127     28   79   129     30   80   130     31   81   131     32   82   132     33   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   96   146     47   97   148     48   99   149			H	$\vdash$		$\vdash$	-	┝	-	┢	_				H	+	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	+	┨		121
23   73   123     24   74   124     25   76   125     26   76   127     28   77   127     28   79   129     30   80   130     31   81   131     32   82   132     83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   89   139     40   90   140     41   91   141     42   92   142     43   94   144     44   94   144     45   96   145     46   97   77     48   98   148     49   99   149	<b></b>		-	-	-	$\vdash$	$\vdash$	┢	$\vdash$	-	_				H	-+	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	+	┨	$\vdash$	122
24   124     25   125     26   75     27   126     27   77     28   128     29   78     30   129     30   80     31   81     32   83     33   131     34   84     35   85     36   86     37   87     38   138     39   88     40   90     41   91     42   92     43   94     44   94     45   96     46   97     47   98     48   99	_		┢	-		$\vdash$		H		<del> </del>					$\exists$		$\dashv$	十	十	$\dashv$	+	+	┥		
25     75     125       26     76     126       27     127     128       28     77     128       29     129     129       30     130     130       31     81     131       32     82     132       33     84     134       35     85     135       36     86     136       37     88     138       39     89     139       40     90     140       41     91     141       42     92     142       43     94     144       45     96     145       46     96     146       47     97     147       48     99     149				$\vdash$	$\vdash$			$\vdash$		T					Ħ	寸	$\dashv$	十	$\dashv$	十	$\top$	$^{+}$	┪	<u> </u>	
26   76   126     27   77   127     28   78   128     29   129     30   130   130     31   80   130     31   81   131     32   83   133     33   83   133     34   84   134     35   85   135     36   86   136     37   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   94   144     44   94   144     45   96   146     47   97   147     48   99   149									İ								1	T	T	T	1	1	1		
27   28   77   127     28   78   128     29   30   129     30   31   80   130     31   81   131     32   83   133     33   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   90   140     41   91   141     42   92   142     43   94   144     44   94   144     45   96   145     46   97   147     48   98   148     49   99   149							Г											T	T	T	1		7		
29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   148     48   98   148     49   99   149		27												77				$\neg$		$\neg$			٦		127
30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   148     48   98   148     49   99   149																									128
31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   148     49   99   149																									
32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   87   137     39   88   138     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149												ı						$\perp$	$\perp$						
33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   148     48   98   148     49   99   149	<u></u>		L	L	<u> </u>	_		L	<u> </u>	ļ						_	_	_	_		┵		_		131
34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   149			_	<u> </u>	<u> </u>	_	<u> </u>								Ш	_	_	_	_	_	_	_	4	L	
35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   149			_	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>		<u> </u>	Щ				Ш	$\dashv$	_	-	4	4	$\perp$	$\perp$	4		
36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	_					Н	_	_	$\dashv$	$\dashv$	4	+	+	4		134
37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149	-		<del> </del>	_	_	<u> </u>	_	_	_	_					Н	-	-	$\dashv$	$\dashv$	$\dashv$	+	+	4	-	
38   88   138     39   90   140     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149	-				-	<u> </u>	<u> </u>	_	-	-					$\vdash$			+	-	+	+	+	4		
39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149			$\vdash$	┝	$\vdash$	-	⊢		-	-					Н	-	-+	-	$\dashv$	$\dashv$		+	-		137
40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149	-		$\vdash$	┝	⊢	⊢	⊢	├	-		-				$\vdash$		$\dashv$	+	$\dashv$			+	┨	<u> </u>	130
41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99			$\vdash$	┢	┢	⊢		┢	┢	<del> </del>	$\dashv$				$\dashv$	-+	-	$\dashv$	$\dashv$	+	+	╁	┥		
42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	<b>-</b>			$\vdash$	$\vdash$	-	┢	╁	-	-	$\dashv$				$\vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	+	+	┨		
43 93   44 94   45 95   46 96   47 97   48 98   49 99	<b>—</b>			<del> </del>		$\vdash$	<u> </u>	-	<del>  -</del>	├-	$\dashv$				H	$\dashv$	十	十	╅	十	$\dashv$	+	┪	<u> </u>	
44 94 144   45 95 145   46 96 146   47 97 147   48 98 148   49 99 149			Ħ	$\vdash$					T						$\vdash$		$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	┪		
45 95   46 96   47 97   48 98   49 99				$\vdash$	<del>                                     </del>	Т	Т	-	Т	П	$\Box$				H	$\dashv$	$\dashv$	十	$\dashv$	十	十	$\top$	7		
46 96   47 97   48 98   49 99			П	Т	T	Γ					$\Box$						$\dashv$	寸	寸	$\dashv$	十	+	┨		
47 97   48 98   49 99		46												96	П		$\dashv$	十	寸	十	十	$\top$	7		146
48 98   49 99   148   149		47												97									]		147
49 99 149														98				$\Box$			$\Box$				148
50   150   150			$\Box$		L				Ĺ								$\Box$			$\Box$					
<del>-</del>		50	L	<u> </u>		L_				1				100	$oxed{oxed}$		_ [						┙		150

Cla	aim	Date										
Final	Original											
ᇤ	nig											
	101											
	102											
	101 102 103											
	104											
	105 106											
	106											
	107											
	108 109 110											
	109											
	110				_							
	111											
	112									П		
	113				П	П	Г		Т	П		
	114				Г	Г	Г	Г	Г	М		
	113 114 115									П		
	116									П		
	117					$\vdash$	<del>                                     </del>	$\vdash$	$\vdash$	М		
	117 118 119 120 121 122 123 124 125 126 127 128 129 130		Т		Г	Г	$\vdash$	$\vdash$		Н		
	119	$\vdash$	_		$\vdash$	$\vdash$		_	_	Н		
	120	$\vdash$			$\vdash$			$\vdash$	$\vdash$	Н		
	121				$\vdash$	$\vdash$		$\vdash$	$\vdash$	Н		
	122				$\vdash$	$\vdash$		┢╌	$\vdash$	Н		
	123				$\vdash$		$\vdash$	$\vdash$	$\vdash$	Н		
	124					-	<u> </u>		-	Н		
	125					-		_	$\vdash$	Н		
	126	-		_	_	_	$\vdash$	$\vdash$	_	Н		
	127				$\vdash$			$\vdash$	-	Н		
	128							$\vdash$				
	129				$\vdash$	$\vdash$	$\vdash$	$\vdash$	H	П		
	130	$\vdash$		_	$\vdash$	┢		$\vdash$	$\vdash$	Н		
	131	$\vdash$		$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	Н		
	132	_	_	_	┢─	$\vdash$	$\vdash$	$\vdash$	$\vdash$	Н		
	133				$\vdash$	$\vdash$	┢	_	-	Н		
	133 134 135	$\vdash$		$\vdash$	$\vdash$	$\vdash$		_	-	Н		
	135	$\vdash$	_	_	$\vdash$	┢	$\vdash$		$\vdash$	H		
	136 137 138 139	$\vdash$		$\vdash$	$\vdash$	$\vdash$	$\vdash$		$\vdash$	Н		
-	137		-	-	$\vdash$	$\vdash$	H		-	Н		
	138	-		$\vdash$	$\vdash$	$\vdash$	$\vdash$		$\vdash$	Н		
	139	$\vdash$	$\vdash$	$\vdash$	<del> </del>	<del> </del>	$\vdash$		$\vdash$	H		
	140	<del>                                     </del>	<b>—</b>	$\vdash$	<del>                                     </del>	$\vdash$	$\vdash$	1	1	H		
	141	$\vdash$		$\vdash$	$\vdash$	$\vdash$		<del>                                     </del>	$\vdash$	H		
_	142	$\vdash$	-	$\vdash$	$\vdash$	$\vdash$	_	$\vdash$	$\vdash$	Н		
	143	$\vdash$	-	$\vdash$	$\vdash$	<del>                                     </del>	$\vdash$		<del>                                     </del>	Н		
	144	$\vdash$		$\vdash$	$\vdash$	$\vdash$	$\vdash$	-	$\vdash$	Н		
<u> </u>	145	$\vdash$	-	$\vdash$	$\vdash$	-	<del>                                     </del>	-	-	$\vdash$		
	146	$\vdash$	-	$\vdash$	-	-	$\vdash$	-	$\vdash$	Н		
	147	$\vdash$	-	$\vdash$	$\vdash$			┝	├─	$\vdash$		
-	148	<u> </u>		<u> </u>		<del> </del>	-		├-	H		
		<u> </u>	-	├	$\vdash$	$\vdash$	$\vdash$	<u> </u>	$\vdash$	$\vdash\vdash$		
	149 150	<del>  -  </del>	Ь—	├—	$\vdash$	$\vdash$	├—	$\vdash$	<del> </del>	$\vdash\vdash$		
Щ.	130	L		L	L	Щ.	Щ	<u></u>	L	لـــا		